Global Conference on Big Data for Official Statistics
Organized by NBS/UAE, UNSD, ABS and GCC-STAT
20-22 October 2015, Abu Dhabi, UAE

Agenda

Tuesday 20 October 2015

Opening Session

09:00 – 10:30 Registration and Tea

10:30 – 11:10 Ceremonial Opening Session: Big Data and World Statistics Day

Speakers:  
H.E. Sheikh Nahyan bin Mubarak Al Nahyan, Minister of Culture, Youth and Community Development, UAE  
H.E. Frode Mauring, United Nations Resident Coordinator, UNDP, UAE  
H.E. Sabir Al-Harbi, Director General, Statistical Office of GCC (GCC-Stat)  
Mr. Trevor Sutton, Chair, UN Global Working Group on Big Data

11:10 Intermission

11:15 – 12:45 High-level Panel - The Big Data Landscape 2015-2020

Moderator: Ronald Jansen, UNSD

Speakers:

- Steven Hagan, Vice-President, Oracle (also member of UN GGIM)
- Bob Sutor, Vice-President, IBM Thomas Watson Research Center
- Brian Moyer, Director, US BEA
- Jamal Al-Jarwan, Secretary General, UAE International Investment Council
Lunch break

Afternoon session – Day 1

14:00 – 17:30  Big Data for Official Statistics: from examples to guidance

Overview  Trevor Sutton, Deputy Australian Statistician and Chair of the UN Global Working Group on Big Data for official statistics

14:00 – 14:30  Presentation (Ronald Jansen, UNSD) on “Global Survey on Big Data Projects for Official Statistics”

14:30 – 15:45  Mobile Phone data

Introduction  Ronald Jansen, UNSD
Moderator  Sabir Al-Harbi, GCC-Stat

Panel discussion:

- “An Overview of the Pilot Project - Mobile Phone Data”, Ahmed Al Mufarji, NCSI, Oman
- “Mobile Phone data and SDG indicators”, Margus Tiru, Estonia
- “Using Mobile Phone data for Poverty estimates in Bangladesh”, Pål Sundsøy, Telenor
- “Predicting population using mobile device counts”, Siu-Ming Tam, ABS

15:45  Tea break

16:00 – 17:30  Social media data

Introduction  Ronald Jansen, UNSD
Moderator  Amparo Ballivian, World Bank

Panel discussion:

- “Social Media data”, Piet Daas, Statistics Netherlands
- “Use of data from social networks to obtain statistical and geographical information”, Juan Munoz, INEGI, Mexico
- “Food prices”, Jong Gun Lee, UN Global Pulse
- “Sandbox projects”, Albrecht Wirthmann, Eurostat
**Wednesday 21 October 2015**

**Morning session – Day 2**

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<td>09:00 – 12:15</td>
<td><strong>Big Data for Official Statistics: from examples to guidance</strong></td>
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<td>Opening</td>
<td>Trevor Sutton, Deputy Australian Statistician and Chair of the UN Global Working Group on Big Data for official statistics</td>
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**09:05 – 10:30 Satellite imagery, remote sensing and geo-spatial data**

**Introduction**

Moderator Greg Scott, UNSD

**Panel discussion:**

- Introduction, Siu-Ming Tam, ABS
- “Remote Sensing Data Sources Outlook”, Arnold Dekker, CSIRO, Australia
- “Beyond Crop Production Estimates: Integrated climate, biophysical and remote sensing approaches”, Andries Potgieter, University of Queensland, Australia
- “Using satellite images to calculate the land use and land cover statistics”, Sandra Rodriguez, DANE, Colombia
- “Global economic transparency: Google and new frontiers in remote sensing”, Patrick Dunagan, Google
- “Analysis for Rural-Urban Systems and Historic Climate Data in Mexico” Juan Munoz, INEGI, Mexico

**10:30** Tea break

**10:45 – 12:15 Skills, training and capacity building**

**Introduction**

Sufyan Daghra, UAE

**Moderator**

Steven Vale, UNECE

**Keynote:** “Big Data Sandbox”, Toni Virgillito, ISTAT

**Panel discussion:**

- “Training and capacity building”, Margarita Guerrero, UNESCAP
- “Data scientists’ skills and UN Labs”, Jong Gun Lee, UN Global Pulse
- “Data literacy”, Ali Rebaie, Data Aurora, UAE
- “User skills and statistical literacy”, Jose Ramon Albert, Philippine Institute for Development Studies
12:15            Lunch break

**Afternoon session – Day 2**

**14:00 – 17:15**     *Big Data for Official Statistics: from examples to guidance*
Opening                 Trevor Sutton, Deputy Australian Statistician and Chair of the UN Global Working Group on Big Data for official statistics

**14:05 – 15:30**     *Access and partnerships for Big Data*
Moderator               Albrecht Wirthmann, Eurostat

**Panel discussion:**
- Introduction and presentation, Peter Struijs, Statistics Netherlands
- Edward Lambe, CSO Ireland
- Susan Teltscher, ITU
- Erik Wetter, Flowminder
- Robert Kirkpatrick, UN Global Pulse

**15:30**            Tea break

**15:45 – 17:15**     *How to communicate the value of Big Data for official statistics*
Introduction            Marko Javorsek, ESCAP
Moderator               Susan Teltscher, ITU

**Panel discussion:**
- Emmanuel Letouzé, Data-Pop Alliance (HHI, MIT Media Lab, ODI)
- Niels Ploug, Statistics Denmark
- Mara Bravo Osorio, DANE, Colombia
- Julieth Solano, DANE, Colombia
- Albrecht Wirthmann, Eurostat
- Steven Hagan, Oracle
### Thursday 22 October 2015

**Morning session – Day 3**

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**Opening**

Trevor Sutton, Deputy Australian Statistician and Chair of the UN Global Working Group on Big Data for official statistics

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<td>09:05 – 10:30</td>
<td>Quality, Tools and Methods</td>
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**Introduction**

Albrecht Wirthmann, Eurostat

**Moderator**

Piet Daas, Statistics Netherlands

**Panel discussion:**

- “Repository of Big Data projects”, Ronald Jansen, UNSD
- “Classification of Big Data”, Peter Struijs, Statistics Netherlands
- “Big Data Methodology”, Siu-Ming Tam, ABS

10:30 Tea break

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<td>10:45 – 12:15</td>
<td>Big Data and the Sustainable Development Goals</td>
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**Introduction**

Amparo Ballivian, World Bank and Ronald Jansen, UNSD

**Moderator**

Trevor Sutton, ABS

**Panel discussion:**

- Juan Munoz, INEGI, Mexico
- Barnabe Okouda, INS, Cameroon
- Candido Astrologo, Philippines
- Ivo Havinga, UNSD
- Kamel Abdellaoui, INS, Tunisia
- Susan Teltscher, ITU

12:15 Lunch break
**Afternoon session – Day 3**

<table>
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<th>14:00 – 17:30</th>
<th><em>Big Data for Official Statistics: the way forward</em></th>
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<td>Arnold Dekker, Paul Schreyer, Marge Guerrero, Bob Sutor, Amparo Ballivian, Susan Teltscher, Greg Scott</td>
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*Topics of discussion: Integrated Geo-spatial Statistics; Integrated Household Surveys; the role of community and citizens engagement via mobile apps; Data on inequalities; The changing role of ICT, society and statistics; Real-time data on migration, flooding, hurricanes, earthquakes, resilience, recovery and rebuilding efforts – role of official statistics*

| 15:30 | **Tea break** |

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*Topics of discussion: Big Data and the programme of work and outputs of your institute; Big Data and capacity building in your institute; Big Data and strategic Partnerships – which ones to choose?; Big Data and delivering on the monitoring of the 2030 agenda; Will Big Data help and how soon will this happen?*

| 17:15 – 17:30 | **Closing ceremony** |